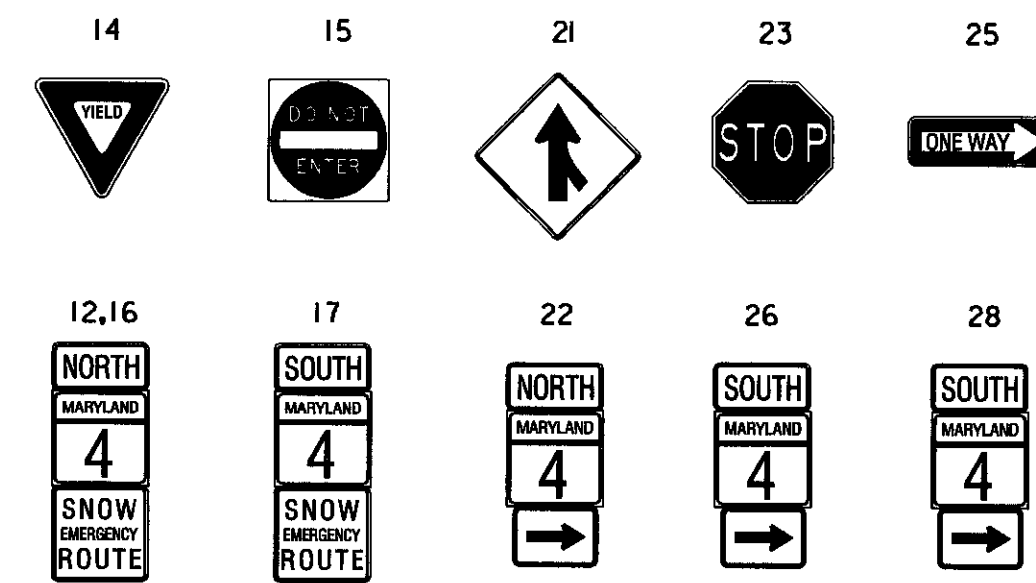
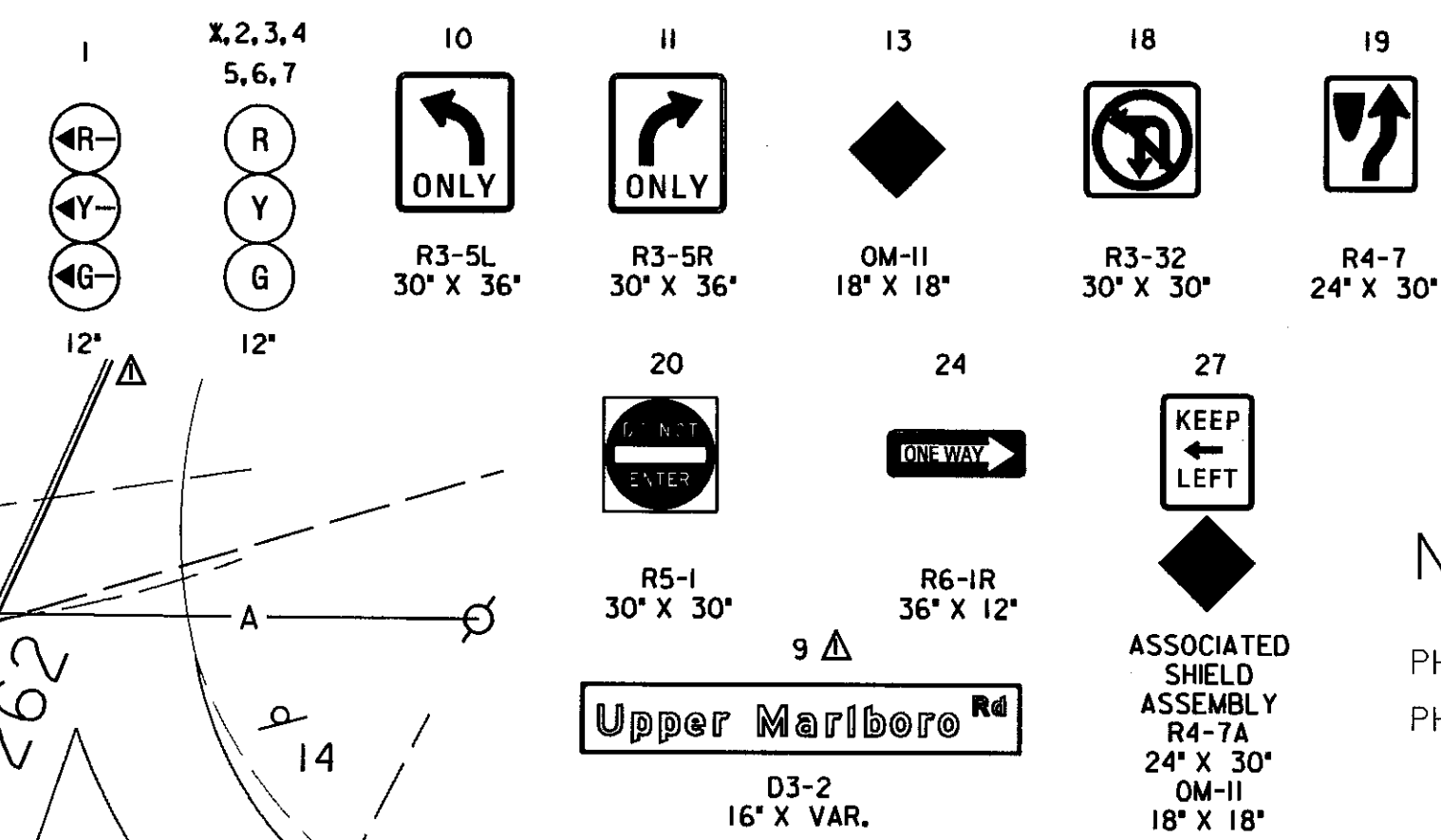


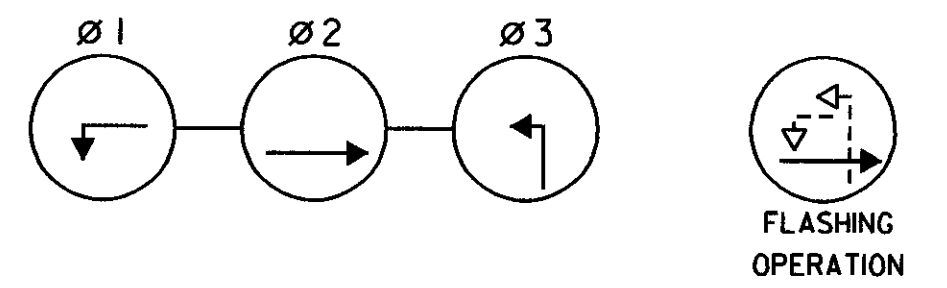
EXISTING SIGNS



PROPOSED SIGNS/SIGNALS



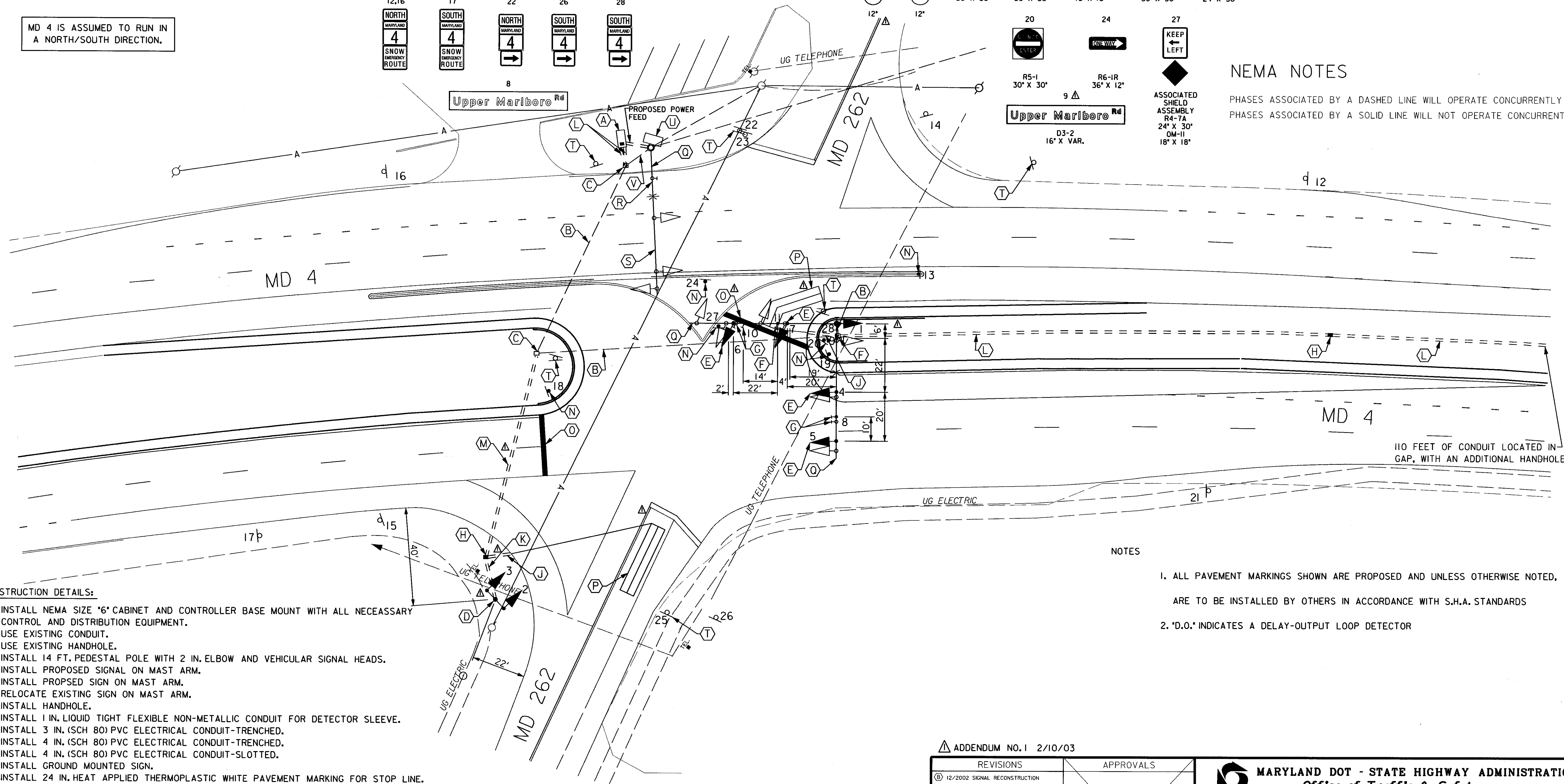
NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MD 4 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.



NOTES

- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS
- "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR

CONSTRUCTION DETAILS:

- INSTALL NEMA SIZE 6" CABINET AND CONTROLLER BASE MOUNT WITH ALL NECESSARY CONTROL AND DISTRIBUTION EQUIPMENT.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- INSTALL 14 FT. PEDESTAL POLE WITH 2 IN. ELBOW AND VEHICULAR SIGNAL HEADS.
- INSTALL PROPOSED SIGNAL ON MAST ARM.
- INSTALL PROPOSED SIGN ON MAST ARM.
- RELOCATE EXISTING SIGN ON MAST ARM.
- INSTALL HANDHOLE.
- INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
- INSTALL GROUND MOUNTED SIGN.
- INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR IN FLEXIBLE TUBING.
- REMOVE ALL EXISTING SIGNALS ON MAST ARM.
- REMOVE EXISTING SIGN ON MAST ARM OR POLE.
- REMOVE EXISTING MAST ARM.
- REMOVE EXISTING GROUND MOUNTED SIGN (NOTE: REMOVE YIELD SIGN ONLY FOR GROUND MOUNTED SIGN #25).
- REMOVE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
- CAP AND ABANDON EXISTING CONDUIT.
- INSTALL 2 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.

UTILITY LEGEND

- | | |
|---|------------------|
| G | GAS MAIN |
| W | WATER MAIN |
| S | SEWER MAIN |
| E | ELECTRIC CABLES |
| A | AERIAL CABLES |
| T | TELEPHONE CABLES |

ADDENDUM NO. 1 2/10/03

REVISIONS		APPROVALS	
12/2002	SIGNAL RECONSTRUCTION	ORIGINAL	
CA4085176		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
ASBUILT		ON	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		FILE	
		DIRECTOR, TRAFFIC & SAFETY	

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
MD 4/ MD 2/ MD 262 GEOMETRIC IMPROVEMENTS			
DRAWN BY: MB CHECKED BY: PDU SCALE: 1"=20' DATE: DECEMBER 2002	F.A.P. NO. S.H.A. NC. COUNTY: LOG MILE:	SEE TITLE SHEET AW-793-585 CALVERT 04000428.30	TS NO. 3548A-1 T.I.M.S. NO. SHEET NO. 16 OF 21